UTILITY PATENT APPLICATION TRANSMITTAL

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	**501285.01** July 8, 2003
First Inventor or Application Identifier	**Christopher K. Morzano**
Title	DATA STROBE SYNCHRONIZATION CIRCUIT AND METHOD FOR DOUBLE DATA RATE, MULTI-BIT WRITES
Express Mail Label No.	**EL 646074774 US**

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. [X] Fee Transmittal Sheet (+ copy)
   (Submit an original and a duplicate for fee processing)

2. [ ] Applicant(s) Claim(s) Small Entity Status

3. [X] Specification   [Total Pages]   **29**
   (preferred arrangement set forth below)
   - Descriptive Title of the Invention
   - Cross References to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to Microfiche Appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. [X] Drawing(s) *(35 USC 113)*   [Total Sheets]   **4**

5. [X] Oath or Declaration   [Total Pages]   **2**

    a. [X] Newly executed (original or copy)

    b. [ ] Copy from a prior application (37 CFR 1.63(d))
   (for continuation/divisional with Box 18 completed)

      i. [ ] DELETION OF INVENTOR(S)
   Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6. [X] Application Data Sheet (37 C.F.R. 1.76)

7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. [ ] Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

    a. [ ] Computer-Readable Form (CRF)

    b. [ ] Specification Sequence Listing on:
       i. [] CD-ROM or CD-R (2 copies); or
       ii. [] paper

    c. [ ] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [ ] Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10. [X] Assignment Papers (cover sheet & document(s))

11. [X] 37 CFR 3.73(b) Statement *(when there is an assignee)*   [X] Power of Attorney

12. [ ] English Translation Document *(if applicable)*

13. [ ] Preliminary Amendment   Total Pages ____

14. [X] Return Receipt Postcard

15. [ ] Information Disclosure Statement (IDS)/PTO-1449   [ ] Copies of IDS Citations

16. [ ] Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

17. [X] Other: __Certificate of Express Mail__
   __Check__

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18. **If a CONTINUING APPLICATION,** *check appropriate box and supply the requisite information below and in a preliminary amendment*

[ ] Continuation   [ ] Divisional   [ ] Continuation-In-Part (CIP) of prior Application No.:_____ Filed _____

Prior application information: Examiner _____ Group / Art Unit _____

[ ] Incorporation By Reference *(useable if box 5b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

[ ] Claims the benefit of Provisional Application No. _____

CORRESPONDENCE ADDRESS

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(206) 903-8800 *phone* / (206) 903-8820 *fax*

Customer No. 27,076

TYPED or PRINTED NAME __Kimton N. Eng__   REGISTRATION NO. __43,605__

SIGNATURE __Kimton Eng__   Date __July 9, 2003__

FEE TRANSMITTAL SHEET (FOR FY 2003)

METHOD OF PAYMENT (Check One)

1. **[X]** The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. **[X]** Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description
101	750	201	375	[X] Utility Filing Fee
106	330	206	165	[] Design Filing Fee
108	750	208	375	[] Reissue Filing Fee
114	160	214	80	[] Provisional Filing Fee

Subtotal (1) $ 750

2. EXTRA CLAIM FEES

	Current Claims		Prior		Extra		Fee		Fee Paid
Total	63	-	20	=	43	x	$ 18	=	$ 774
Ind.	9	-	3	=	6	x	$ 84	=	$ 504
Multiple Dependent Claims						x	$	=	$

Subtotal (2) $ 1278

Large Entity		Small Entity		
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee ($)	Fee Code	Fee ($)	Fee Description	Fee paid
105	130	205	65	Surcharge - Late filing fee or oath	$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	$
139	130	139	130	Non-English specification	$
147	2,520	147	2,520	For Filing a Request for Reexamination	$
195	300	196	300	Publication (early or Republication)	$
115	110	215	55	Extension for reply within first month	$
116	410	216	205	Extension for reply within 2nd month	$
117	930	217	465	Extension for reply within 3rd month	$
118	1,450	218	725	Extension for reply within 4th month	$
128	1,970	280	985	Extension for reply within 5th month	$
120	320	220	160	Filing a brief in support of an appeal	$
121	280	270	140	Request for oral hearing	$
148	110	248	55	Terminal Disclaimer Fee	$
140	110	240	55	Petition to revive – unavoidable	$
141	1,300	241	650	Petition to revive – unintentional	$
142	1,300	242	650	Utility/Reissue issue fee (+ advance copies)	$
143	470	243	235	Design issue fee (+ advance copies)	$
122	130	122	130	Petitions to the Commissioner	$
123	50	123	50	Petitions related to provisional applications	$
126	180	126	180	Submission of IDS	$
581	40	81	40	Recording each patent assignment per property (times number of properties)	$ 40
179	750	279	375	Request for Continued Examination (RCE)	$
				Other fee (specify)	$

Subtotal (3) $ 40

Total Amount of Payment: $ 2068

Submitted by:

Name: Kimton N. Eng	Reg. No.: 43,605	Telephone: (206) 903-8800
Signature: *Kimton Eng*		Date: July 9, 2003
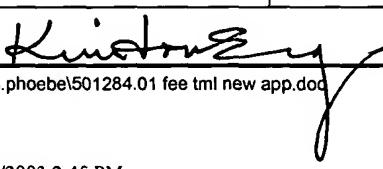
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Christopher K. Morzano and Wen Li

Filed : July 9, 2003   Attorney Docket No.: 501284.01

Title : DATA STROBE SYNCHRONIZATION CIRCUIT AND METHOD FOR DOUBLE DATA RATE, MULTI-BIT WRITES

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

˙Sir:

      I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 646074774 US, on July 9, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,
DORSEY & WHITNEY LLP
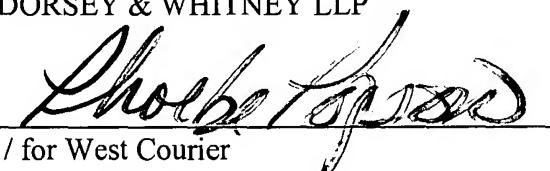
/ for West Courier

EWB:pep

Enclosures:
Postcard
Check
PTO/SB/05 Utility Patent Application Transmittal
Application Data Sheet
Fee Transmittal Sheet (+ copy)
General Authorization
Specification, Claims, Abstract (29 pages)
4 Sheets of Drawings (Figures 1-5)
Declaration and Power of Attorney
Election and Power of Attorney
Form PTO-1595
Assignment

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Christopher K. Morzano and Wen Li

Filed   : Concurrently Herewith   Attorney Docket No.: 501284.01

Title   : DATA STROBE SYNCHRONIZATION CIRCUIT AND METHOD FOR DOUBLE
              DATA RATE, MULTI-BIT WRITES

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GENERAL AUTHORIZATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date _July 9, 2003_
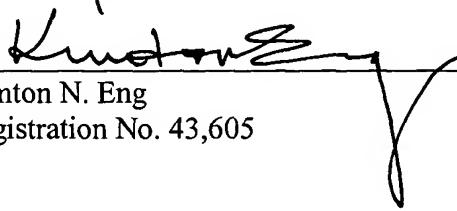
Kimton N. Eng
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